

THAT WHICH IS CLAIMED:

1. A method of draining a fibre pulp suspension, in which method the fibre pulp suspension is applied to a dewatering space arranged between a first wire and a second wire, water and a powdery substance are removed from the suspension in the dewatering space through the wires that travel in the same direction as the fibre pulp suspension, whereby the wires are arranged to travel in such a manner that the dewatering space converges from the pulp feed end towards the discharge end, and pressure pulses are generated in the fibre pulp suspension along the length of the dewatering space with pressure pulse elements that are on opposite sides of the wires relative to the fibre pulp suspension and in contact with or at a distance from the wires, **c h a r a c - t e r i z e d** by generating a pressure pulse in the direction of the dewatering space between the wires with the pressure pulse element that is in contact with or at a distance from the first wire, and, simultaneously and at the same point relative to the travel direction of the wires, generating a suction pulse for amplifying said pressure pulse in the dewatering space between the wires with the pressure pulse element that is in contact with or at a distance from the second wire.

2. A method as claimed in claim 1, **c h a r a c t e r i z e d** by using a dewatering chamber with closed sides and inside of which the wires are arranged to travel as the dewatering space.

3. A method as claimed in claim 1, **c h a r a c t e r i z e d** by using drainage foils generating both a positive and a negative pressure pulse as the pressure pulse elements.

4. A method as claimed in claim 1, **c h a r a c t e r i z e d** by using rotating rolls generating both a positive and a negative pressure pulse as the pressure pulse elements.

5. A method as claimed in claim 1, **characterized** by using non-rotating rolls generating both a positive and a negative pressure pulse as the pressure pulse elements.

6. A method as claimed in claim 1, **characterized** by using any pressure pulse elements that together simultaneously generate a positive and a negative pressure pulse as the pressure pulse elements.

7. A method as claimed in claim 1, **characterized** by generating the pressure pulse directed to the dewatering space and thereafter the immediately-occurring pressure pulse directed away from the dewatering space using different pressure pulse elements.

8. An apparatus for draining a fibre pulp suspension, the apparatus comprising a dewatering space that is defined by a first wire and a second wire travelling in its longitudinal direction and to whose one end the fibre pulp suspension is applied and, correspondingly, the fibre pulp suspension is discharged from a second end in such a manner that water is removed from the fibre pulp suspension in the dewatering space, the dewatering space being arranged between the wires, and water and a powdery substance are removed through both wires, and that it comprises elements for generating pressure pulses in the fibre pulp suspension while it is in the dewatering space, **characterized** in that at least one pressure pulse element is arranged at the first wire such that this pressure pulse element generates a pressure pulse in the dewatering space between the wires and that at least one pressure pulse element is arranged at the second wire such that the pressure pulse element generates a suction pulse for amplifying said pressure pulse in the dewatering space between the wires, simultaneously and at the same point relative to the travel direction of the wires.

9. An apparatus as claimed in claim 8, **c h a r a c t e r i z e d** in that the dewatering space s a dewatering chamber with closed sides, inside of which the wires are arranged to travel.

10. An apparatus as claimed in claim 8, **c h a r a c t e r i z e d** in that it includes drainage foils generating both a positive and a negative pressure pulse as the pressure pulse elements.

11. An apparatus as claimed in claim 8, **c h a r a c t e r i z e d** in that it includes rotating rolls generating both a positive and a negative pressure pulse as the pressure pulse elements.

12. An apparatus as claimed in claim 8, **c h a r a c t e r i z e d** in that it includes non-rotating rolls generating both a positive and a negative pressure pulse as the pressure pulse elements.

13. An apparatus as claimed in claim 8, **c h a r a c t e r i z e d** in that it includes any pressure pulse elements that together generate simultaneously a positive and a negative pressure pulse.

14. An apparatus as claimed in claim 8, **c h a r a c t e r i z e d** in that it includes separate pressure pulse elements for generating the pressure pulse directed to the dewatering space and the immediately thereafter-occurring pressure pulse that is directed away from the dewatering space.